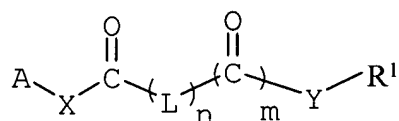


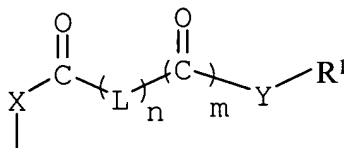
## CLAIMS LISTING

1. (currently amended) An ink jet recording material comprising a support and at least one ink receiving layer comprising a binder and a compound according to formula (I):

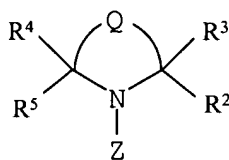


formula (I)

wherein



is exclusive of a nitrogen-nitrogen or nitrogen-oxygen bond, and wherein A is represented by following formula :

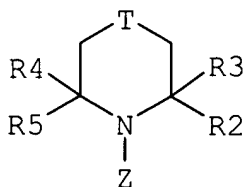


wherein,

Q represents the necessary atoms to complete a five- or six-membered ring;  $\text{R}^2$  to  $\text{R}^5$  independently represent a substituted or unsubstituted C1 to C6 aliphatic group; Z is selected from the group consisting of hydrogen, a substituted or unsubstituted aliphatic group, an acyl group, an oxy radical, a hydroxyl group, an alkoxy group and an acyloxy group; L is a divalent linking group linked

to a carbonyl group; X and Y are independently selected from an oxygen and  $\text{NR}^6$ , wherein  $\text{R}^6$  is selected from the group consisting of hydrogen, a substituted or unsubstituted, saturated or unsaturated aliphatic group, a substituted or unsubstituted aromatic group, and a substituted or unsubstituted heteroaromatic group; X is linked to A via one of the atoms of Q;  $\text{R}^1$  represents a non-aromatic moiety comprising at least two hydroxyl groups; and n and m independently represent 1 or 0; wherein said binder is a polyvinylalcohol, a vinylalcohol copolymer or modified polyvinyl alcohol.

- 2.(original) An ink jet material according to claim 1 wherein A in said compound according to formula (I) is represented by :

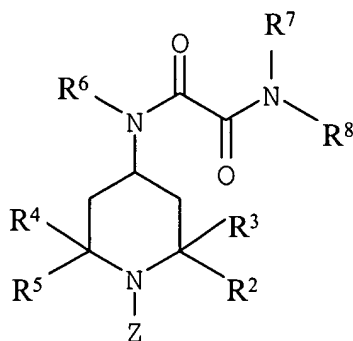


wherein T represents a carbon, a silicon, a phosphorus or a nitrogen atom, which is linked to X by a single or a double bound.

- 3.(previously presented) An ink jet recording material according to claim 2 wherein X is  $\text{NR}^6$ ; Y is  $\text{NR}^7$  and  $\text{R}^6$  and  $\text{R}^7$  are both a hydrogen atom.
- 4.(previously presented) An ink jet recording material according to claim 3 wherein  $\text{R}^1$  is selected from the group consisting of optionally substituted polyhydroxy tetrahydro-pyrans, optionally substituted polyhydroxy tetrahydrofurans, polyhydroxy straight chain alkyl groups, polyhydroxy

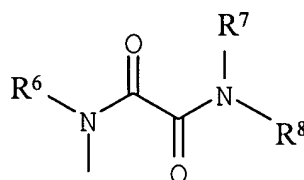
branched alkyl groups, polyhydroxy alkyl groups substituted with optionally substituted tetrahydropyran groups and polyhydroxy alkyl groups substituted with optionally substituted tetrahydrofuran groups.

- 5.(original) An ink jet recording material according to claims 4 wherein said recording material further comprises a pigment in at least one ink receiving layer.
- 6.(original) An ink jet recording material according to claim 5 wherein said pigment is an inorganic pigment.
- 7.(original) An ink jet recording material according to claim 6 wherein said inorganic pigment is chosen from the group consisting of silica, alumina, alumina hydrate, and aluminum trihydroxide.
- 8.(cancelled)
- 9.(currently amended) An ink jet recording material according to ~~claim 8~~ claim 7 wherein the ink receiving layer is a double layer and the compound according to general formula (I) is incorporated in the upper ink receiving layer.
- 10.(currently amended) An ink jet recording material comprising a support and at least one ink receiving layer comprising a binder and a compound according to formula (III):



formula (III)

wherein,



is exclusive of a nitrogen-nitrogen or nitrogen-oxygen bond, and wherein

R² to R⁵ independently represent a substituted or unsubstituted C1 to C6 aliphatic group;

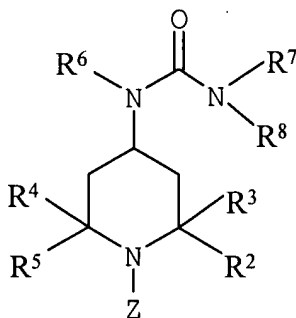
Z is selected from the group consisting of hydrogen, a substituted or unsubstituted aliphatic group, an acyl group, an oxy radical, a hydroxyl group, an alkoxy group and an acyloxy group; R⁶ is selected from the group consisting of hydrogen, a substituted or unsubstituted, saturated or unsaturated aliphatic group, a substituted or unsubstituted aromatic group, and a substituted or unsubstituted heteroaromatic group; R⁷ represents a non-aromatic moiety comprising at least two hydroxyl groups; R⁸ is selected from the group consisting of hydrogen, substituted or unsubstituted, saturated or unsaturated aliphatic group, a substituted or unsubstituted aromatic

group; wherein said binder is a polyvinylalcohol, a vinylalcohol copolymer or modified polyvinyl alcohol.

- 11.(previously presented) An ink jet recording material according to claim 10 wherein R<sup>6</sup> and R<sup>8</sup> are both a hydrogen atom.
- 12.(withdrawn) An ink jet recording material according to claim 11 wherein R<sup>8</sup> is selected from the group consisting of optionally substituted polyhydroxy tetrahydro-pyrans, optionally substituted polyhydroxy tetrahydrofurans, polyhydroxy straight chain alkyl groups, polyhydroxy branched alkyl groups, polyhydroxy alkyl groups substituted with optionally substituted tetrahydropyran groups and polyhydroxy alkyl groups substituted with optionally substituted tetrahydrofuran groups.
- 13.(withdrawn) An ink jet recording material according to claim 12 wherein said recording material further comprises a pigment in at least one ink receiving layer.
- 14.(withdrawn) An ink jet recording material according to claim 13 wherein said pigment is an inorganic pigment.
- 15.(withdrawn) An ink jet recording material according to claim 14 wherein said inorganic pigment is chosen from the group consisting of silica, alumina, alumina hydrate, and aluminum trihydroxide.
- 16.(cancelled)
- 17.(withdrawn-currently amended) An ink jet recording material according to ~~claim 16~~ claim 15 wherein the ink receiving layer is a double layer and the compound according to

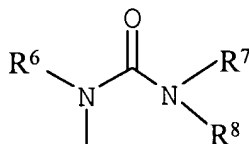
general formula (I) is incorporated in the upper ink receiving layer.

18. (withdrawn-currently amended) An ink jet recording material comprising a support and at least one ink receiving layer comprising a binder and a compound according to formula (IV):



formula (IV)

wherein,



is exclusive of a nitrogen-nitrogen or nitrogen-oxygen bond, and wherein

R<sup>2</sup> to R<sup>5</sup> independently represent a substituted or unsubstituted C1 to C6 aliphatic group;

Z is selected from the group consisting of hydrogen, a substituted or unsubstituted aliphatic group, an acyl group, an oxy radical, a hydroxyl group, an alkoxy group and an acyloxy group; R<sup>6</sup> is selected from the group

consisting of hydrogen, a substituted or unsubstituted, saturated or unsaturated aliphatic group, a substituted or unsubstituted aromatic group, and a substituted or unsubstituted heteroaromatic group; R<sup>7</sup> represents a non-aromatic moiety comprising at least two hydroxyl groups; R<sup>8</sup> is selected from the group consisting of hydrogen, substituted or unsubstituted, saturated or unsaturated aliphatic group, a substituted or unsubstituted aromatic group; wherein said binder is a polyvinylalchol, a vinylalcohol copolymer or modified polyvinyl alcohol.

19. (withdrawn-previously presented) An ink jet recording material according to claim 18 wherein R<sup>6</sup> and R<sup>8</sup> are both a hydrogen atom.
20. (withdrawn) An ink jet recording material according to claim 19 wherein R<sup>8</sup> is selected from the group consisting of optionally substituted polyhydroxy tetrahydro-pyrans, optionally substituted polyhydroxy tetrahydrofurans, polyhydroxy straight chain alkyl groups, polyhydroxy branched alkyl groups, polyhydroxy alkyl groups substituted with optionally substituted tetrahydropyran groups and polyhydroxy alkyl groups substituted with optionally substituted tetrahydrofuran groups.
21. (withdrawn) An ink jet recording material according to claim 20 wherein said recording material further comprises a pigment in at least one ink receiving layer.
22. (withdrawn) An ink jet recording material according to claim 21 wherein said pigment is an inorganic pigment.
23. (withdrawn) An ink jet recording material according to claim 22 wherein said inorganic pigment is chosen from the group

consisting of silica, alumina, alumina hydrate, and aluminum trihydroxide.

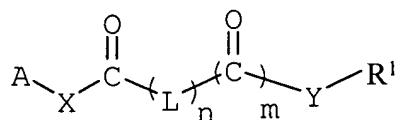
24. (cancelled)

25. (withdrawn-currently amended) An ink jet recording material according to ~~claim 24~~ claim 23 wherein the ink receiving layer is a double layer and the compound according to general formula (I) is incorporated in the upper ink receiving layer.

26. (cancelled)

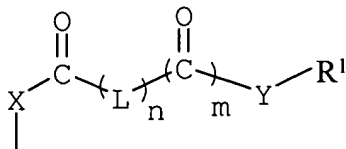
27. (cancelled)

28. (previously presented) An ink jet recording material comprising a support and at least one ink receiving layer comprising a binder and a compound according to formula (I):

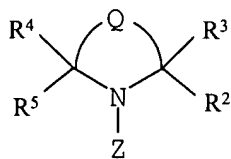


formula (I)

wherein

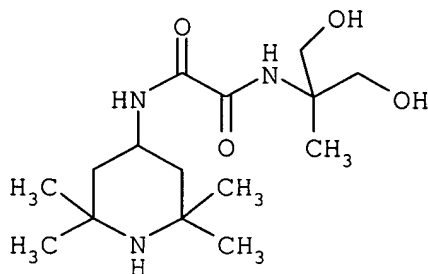


is exclusive of a nitrogen-nitrogen or nitrogen-oxygen bond, and wherein A is represented by following formula :

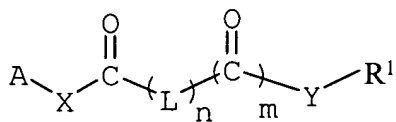


wherein,

Q represents the necessary atoms to complete a five- or six-membered ring;  $R^2$  to  $R^5$  independently represent a substituted or unsubstituted C1 to C6 aliphatic group; Z is selected from the group consisting of hydrogen, a substituted or unsubstituted aliphatic group, an acyl group, an oxy radical, a hydroxyl group, an alkoxy group and an acyloxy group; L is a divalent linking group linked to a carbonyl group; X and Y are independently selected from an oxygen and  $NR^6$ , wherein  $R^6$  is selected from the group consisting of hydrogen, a substituted or unsubstituted, saturated or unsaturated aliphatic group, a substituted or unsubstituted aromatic group, and a substituted or unsubstituted heteroaromatic group; X is linked to A via one of the atoms of Q;  $R^1$  represents a non-aromatic moiety comprising at least two hydroxyl groups; and n and m independently represent 1 or 0 wherein said formula 1 (I) is

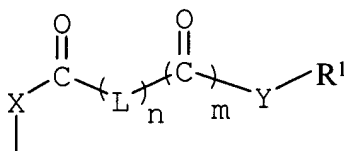


29. (withdrawn-currently amended) An ink jet recording material comprising a support and at least one ink receiving layer comprising a binder and a compound according to formula (I):

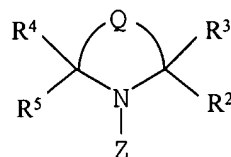


formula (I)

wherein



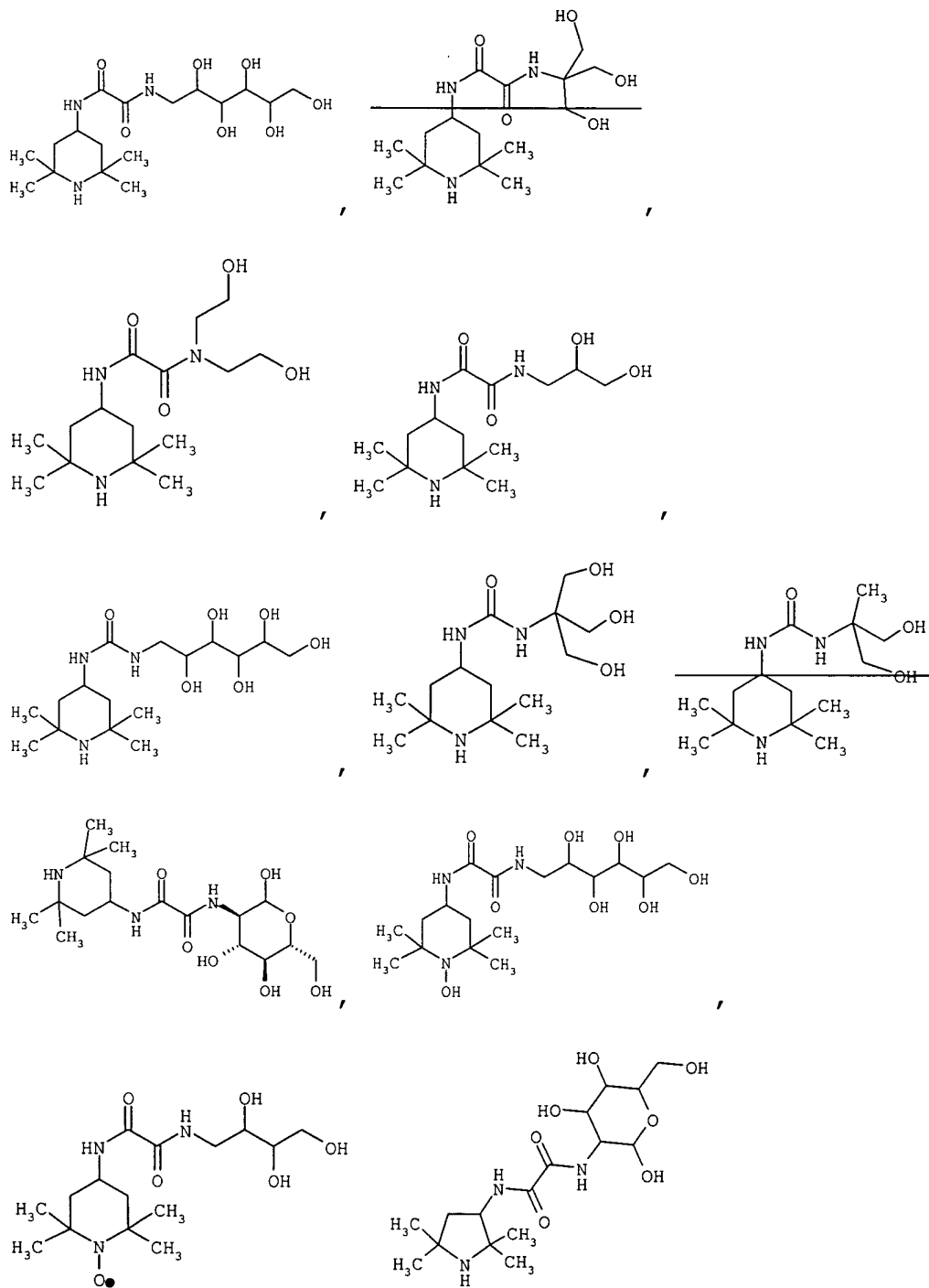
is exclusive of a nitrogen-nitrogen or nitrogen-oxygen bond, and wherein A is represented by following formula :

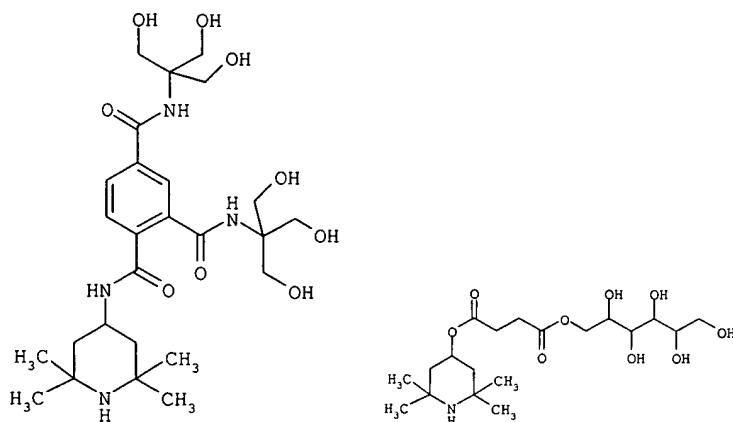
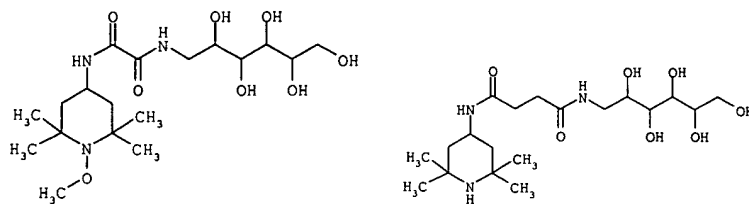


wherein,

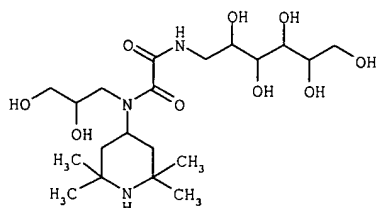
Q represents the necessary atoms to complete a five- or six-membered ring;  $R^2$  to  $R^5$  independently represent a substituted or unsubstituted C1 to C6 aliphatic group; Z is selected from the group consisting of hydrogen, a substituted or unsubstituted aliphatic group, an acyl group, an oxy radical, a hydroxyl group, an alkoxy group and an acyloxy group; L is a divalent linking group linked to a carbonyl group; X and Y are independently selected from an oxygen and  $NR^6$ , wherein  $R^6$  is selected from the group consisting of hydrogen, a substituted or unsubstituted, saturated or unsaturated aliphatic group, a substituted or unsubstituted aromatic group, and a substituted or unsubstituted heteroaromatic group; X is linked to A via one of the atoms of Q;  $R^1$  represents a non-aromatic moiety comprising at least two hydroxyl groups; and n and m independently represent 1 or 0 and wherein said formula (I) is selected from the group

consisting of





and



30. (withdrawn-previously presented) An ink jet recording material according to claim 1 wherein said n is 1.
31. (withdrawn-previously presented) An ink jet recording material according to claim 1 wherein said m is 0.
32. (withdrawn-previously presented) An ink jet recording material according to claim 1 wherein said Q represents a five membered ring.
33. (withdrawn-previously presented) An ink jet recording material according to claim 1 wherein said x is oxygen.